TABLE 5.4.8.1–3.—*Summary of Air Pollutant Emission Reductions Associated with Scaled Back Operations Under the Reduced Operation Alternative*

	Emissions for Individual Activities under the Proposed Action in tons per year [a, b]			Total Emissions in tons per year			Average Daily Emissions in pounds per day		
Pollutant	**Vehicular Activity**	**Natural Gas Usage**	**Diesel Fuel Use**	**Reduced Operation Alternative**	**No Action Alternative**	**Significant Emission Level [c]**	**Reduced Operation Alternative [d]**	**No Action Alternative [d]**	**Significant Emission Level [c]**
Precursor organic compounds	-0.97	-0.031	-2.3×10^{-3}	-1.0	0.35	15	-5.2	2.7	80
Oxides of nitrogen	-3.2	-0.39	-0.034	-3.7	1.4	15	-20	11	80
Carbon monoxide	-18	-0.066	-7.3×10^{-3}	-18	6.1	-	-93	47	-
Sulfur oxides	-0.12	-2.2×10^{-3}	-3.1×10^{-3}	-0.13	0.046	-	-0.67	0.35	-
Particulate matter (PM_{10})	-1.8	-0.039	-2.4×10^{-3}	-1.9	0.64	15	-9.6	4.9	80
Formaldehyde		-3.6×10^{-4}	-3.0×10^{-4}	-6.6×10^{-4}	6.0×10^{-4}		-5.1×10^{-3}	4.6×10^{-3}	
Benzene		-3.4×10^{-5}	-4.8×10^{-5}	-8.2×10^{-5}	7.6×10^{-5}		-6.3×10^{-4}	5.9×10^{-4}	
Polycyclic organic matter			-2.3×10^{-7}	-2.3×10^{-7}	2.3×10^{-7}		-1.7×10^{-6}	1.7×10^{-6}	
Arsenic			-4.2×10^{-8}	-4.2×10^{-8}	4.2×10^{-8}		-3.2×10^{-7}	3.2×10^{-7}	
Beryllium			-2.4×10^{-8}	$--2.4 \times 10^{-8}$	2.4×10^{-8}		-1.9×10^{-7}	1.9×10^{-7}	
Cadmium			-1.0×10^{-7}	-1.0×10^{-7}	1.0×10^{-7}		-8.0×10^{-7}	8.0×10^{-7}	
Hexavalent chromium			-2.2×10^{-9}	-2.2×10^{-9}	2.2×10^{-9}		-1.7×10^{-8}	1.7×10^{-8}	
Lead			-8.9×10^{-8}	-8.9×10^{-8}	8.9×10^{-8}		-6.8×10^{-7}	6.8×10^{-7}	
Manganese			-1.4×10^{-7}	-1.4×10^{-7}	1.4×10^{-7}		-1.1×10^{-6}	1.1×10^{-6}	
Mercury			-3.0×10^{-8}	-3.0×10^{-8}	3.0×10^{-8}		-2.3×10^{-7}	2.3×10^{-7}	
Nickel			-1.7×10^{-6}	-1.7×10^{-6}	1.7×10^{-6}		-1.3×10^{-5}	1.3×10^{-5}	

[a] Emissions related to construction and demolition activities are not specifically quantified in keeping with the BAAQMD's guidance for the analysis of construction impacts (discussed in Section 5.1.8.1) which emphasizes implementation of effective and comprehensive control measures rather than detailed quantification of construction emissions. If all of the control measures, as appropriate, depending on the size of the project area, will be implemented, then air pollutant emissions from construction activities would be considered a less than significant impact. Similarly, any demolition, renovation or removal of asbestos-containing building materials would be considered a less than significant impact if the activity complies with the requirements and limitations of district Regulation 11, Rule 2: Hazardous Materials; Asbestos Demolition, Renovation and Manufacturing (BAAQMD 1999).

[b] A negative value represents a reduction in emissions as compared to existing conditions.

[c] BAAQMD has established significant emission levels in response to local pollutant problems. Projects with emissions in excess of these levels must include stringent mitigation.

[d] Average daily emission rate is based on an operating schedule of 5 days per week, 52 weeks per year.

BAAQMD = Bay Area Air Quality Management District